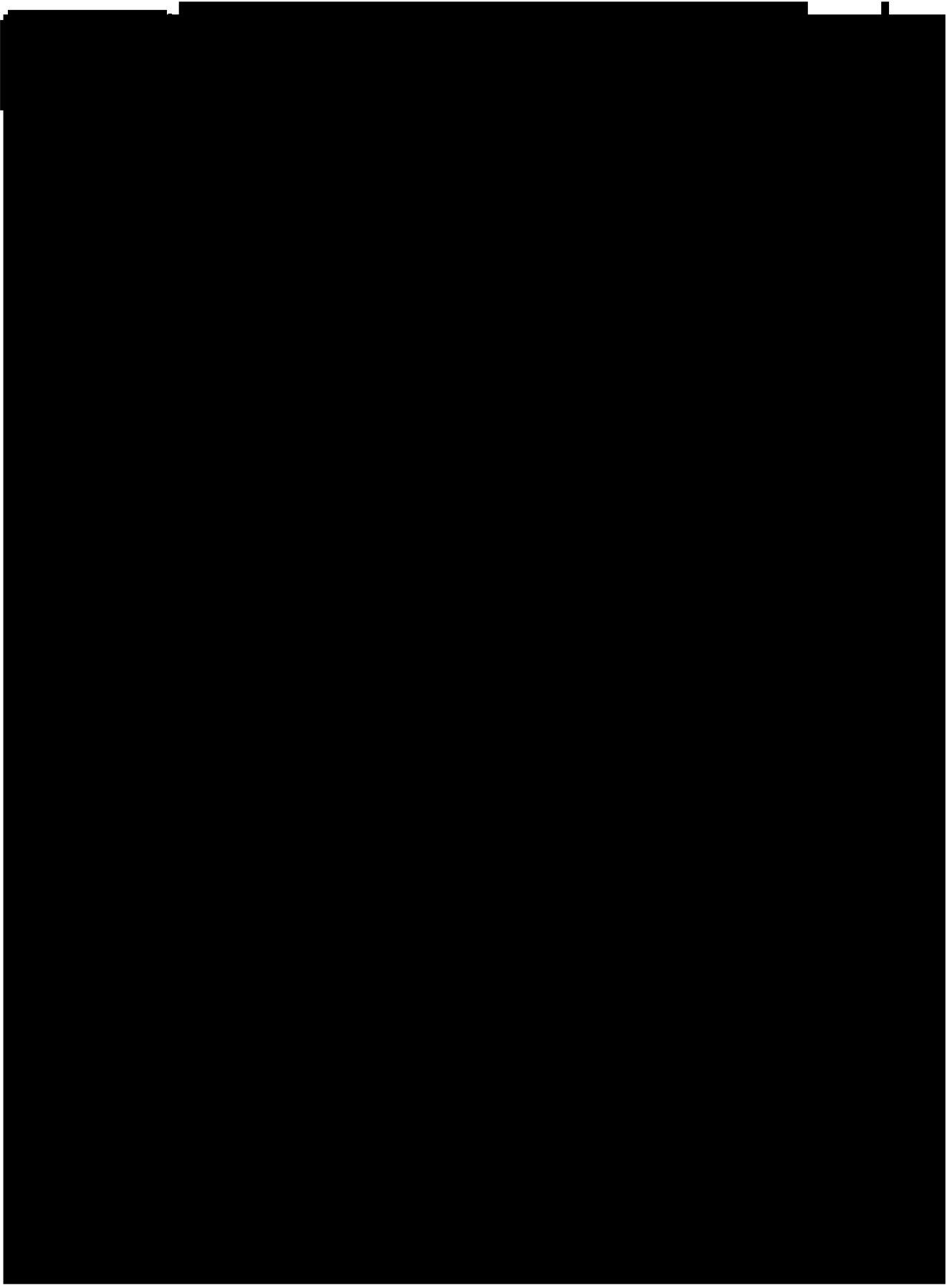
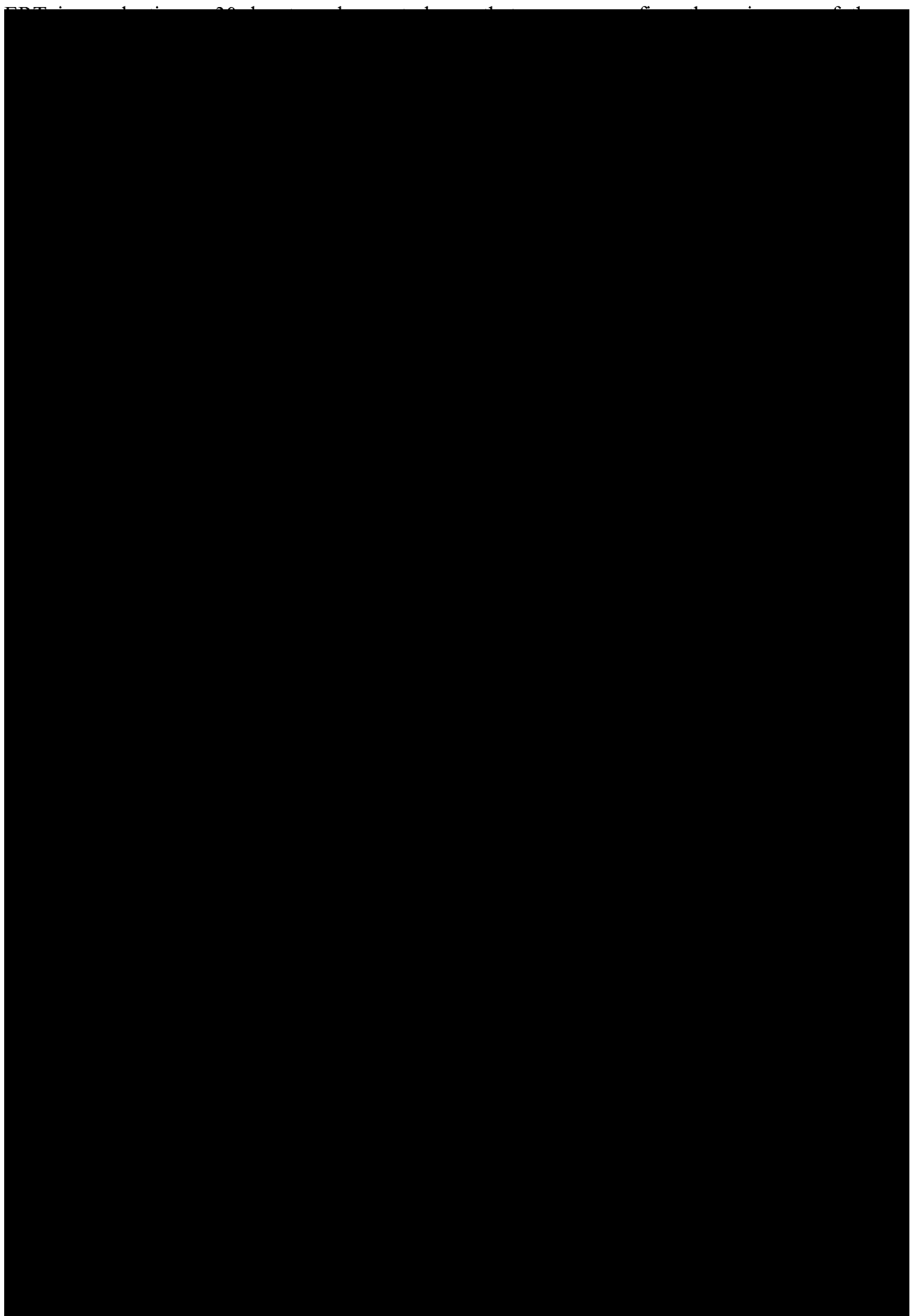
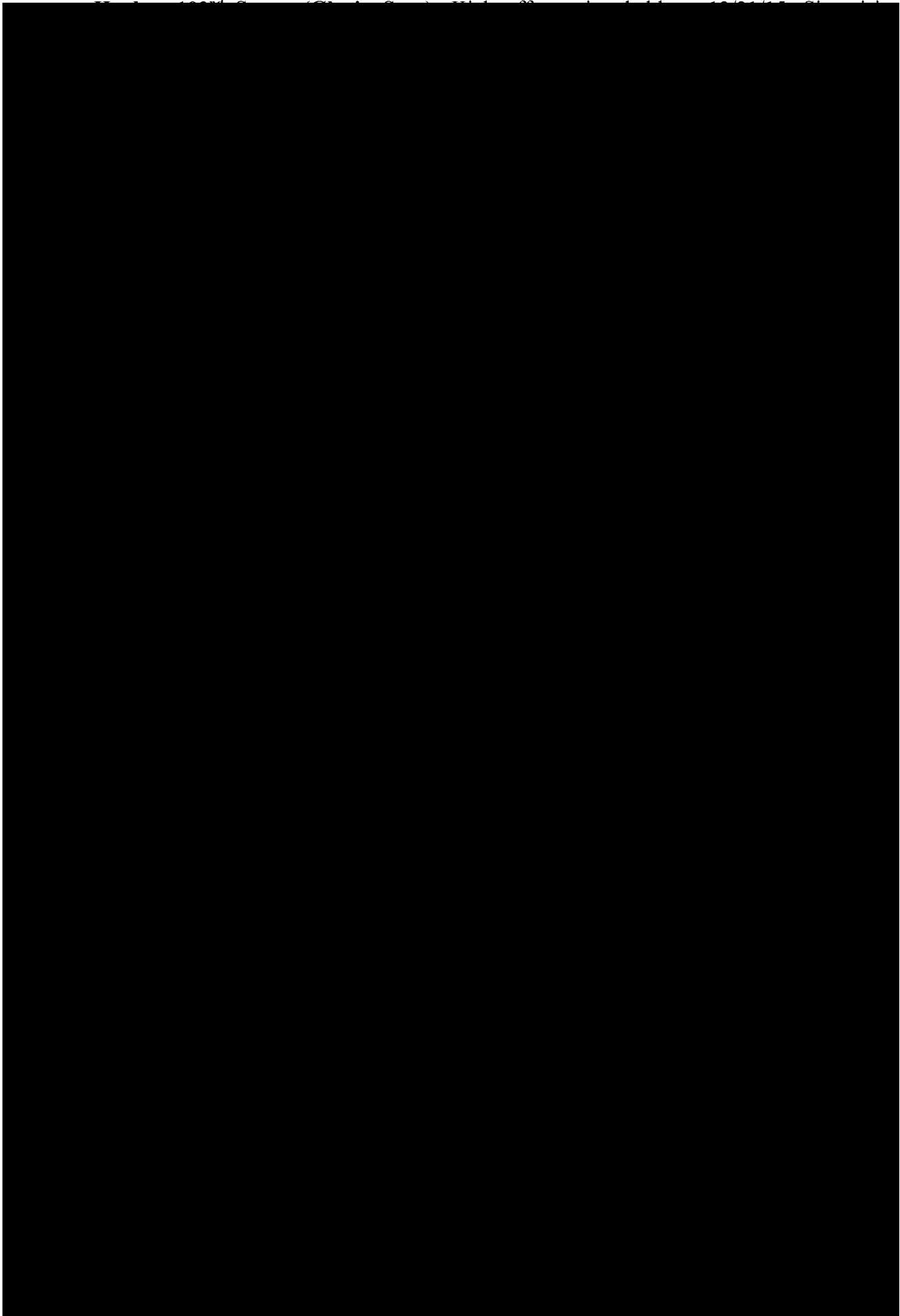
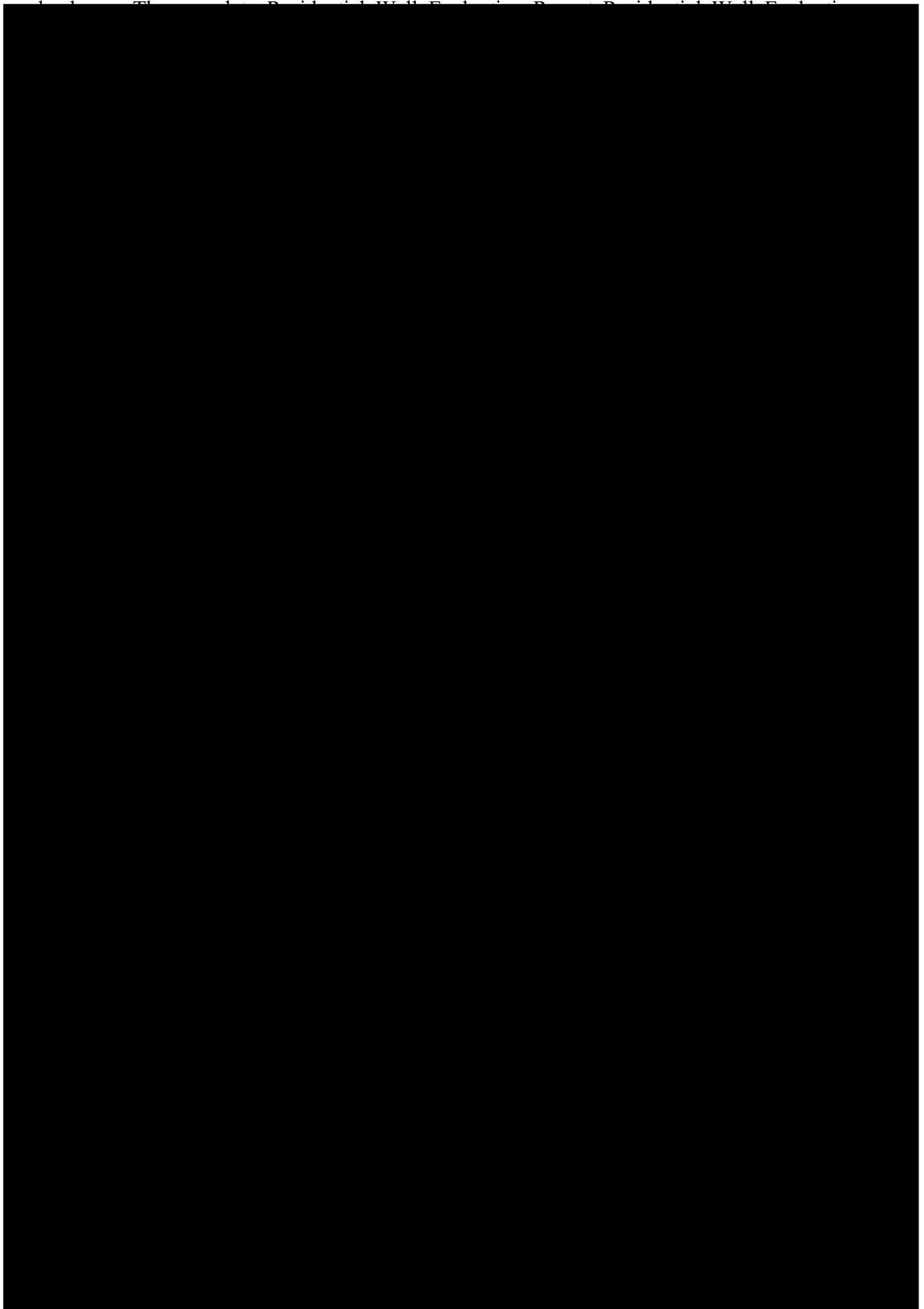


Western New York Remediation Section
June 14, 2016









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The data is under review.

Massapequa Water District's (MWD) Sampling Request:

* The parties plan to discuss the results of the preliminary sampling and determine if it makes sense to move forward with a larger scope. At the coordination group's request, Jon Gabry (EPA-DESA) who is quite well versed in CSIA, is reviewing the existing information and will provide his assessment of the work performed to date and whether it would be fruitful to perform an expanded scope of work.

Bethpage Water District (BWD) Plant 6 Pilot Study - The Navy recently completed a subcontract with BWD, for the full-scale pumping at Plant 6 well 2. Data loggers (which have been installed) will be used to determine how much of the hot-spot plume will be captured by the operation of BWD Plant 6, well 2. NG continues to explore whether parcels on its property might be suitable for disposal of treated water if well 6-2 is utilized to capture and treat the hotspot. Thus far, the conclusion is that existing onsite water recharge systems do not have sufficient capacity. Plant 6 is temporarily ceasing operations for renovations for 18 to 24 months, beginning in spring 2016. DEC, in consultation with DOH, approved the proposal for the pilot study on February 29, 2016. Treated water will continue to be distributed into the water supply but there can be no degradation of water quality. Additionally, monitoring frequency will be increased. BWD is being subcontracted by Resolution Consultants to operate Well 6-2 in a near-continuous manner and to manage treatment and distribution and/or disposal of the recovered groundwater for a period of 3 months. Resolution Consultants are responsible for simultaneously monitoring water levels in nearby wells surrounding Well 6-2, collecting air samples to monitor potential groundwater treatment impacts to ambient air quality, assessing the data, and preparing a report of findings. The groundwater pumping began on March 21, 2016, and it is expected to continue until mid to late July 2016. The Navy's May status report, which we received June 2nd, indicates that the Navy is temporarily discontinuing the three month capture zone analysis study due to carbon change-out.

Batavia Landfill (Michael Walters): ARCADIS, engineering consultant for the Town of Batavia, last week experienced difficulties completing the annual groundwater sampling activities mandated by the ROD. Three groundwater monitoring wells could not be sampled last week because of high turbidity. ARCADIS could not identify visible factors for the high turbidity such as damage to the affected wells or high sediment in the well sumps, etc. ARCADIS will resample the three wells today. According to Aaron Richard of ARCADIS, there should be no significant delay in submittal of the annual groundwater water sampling report to EPA which should occur in late August 2016.

Eighteen Mile Creek (Jaclyn Kondrk): No change in status. OU1: Flintkote Building: All construction activities, including property restoration, were completed in September. Development of the draft RA report is underway. A bill pursuant to the SSC was sent to the State. OU1 closeout site inspection was completed on 4/26. Residential Homes: Demo of residential properties began the week of August 3 and has been completed. Development of the draft RA report is underway.

OU2: see above.

OU3: A new work assignment with the USACE to perform the RI/FS for this OU (in addition to OU2) has been issued. Comments on the draft public health assessment for the 18 Mile Creek Site sent to ATSDR on 10/27/14.

Dewey Loeffel (Joseph Battipaglia):

Coalition Meeting: On 6/2, EPA met with members of the Dewey Loeffel Toxic Waste Coalition, which includes local elected officials and other county/town representatives, UNCAGED and the Nassau Lake Association. EPA provided an update on upcoming field work and discussed several other items (PFC results, 1,4-dioxane treated effluent results, fish trends, document repository, UNCAGED's technology conference, T11A data, and the residential well monitoring program). RPM to send a follow-up email on several items later this week.

Treatment Plant: For 6/1, the treated effluent result for 1,4-dioxane was 0.65 ug/L. On 6/1, the concentration of 1,4-dioxane into the HiPOx was 260 ug/L and out of the HiPOx was 22 ug/L. GE has indicated that they believe that the increase in the HiPOx output is attributable to a recent adjustment in the dosing. GE is scheduling a technician to perform maintenance on the HiPOx unit. Even removing the most recent HiPOx output of 22 ug/L, the HiPOx unit continues to exhibit variability (1,4-dioxane output from <1 to 15ppm) in recent months.

Cemetery Access: Access to the cemetery property is needed to sample a well located behind the property. On 5/5, the cemetery board issued a letter to GE indicating that GE is not to trespass on the cemetery property. GE had completed additional repairs the week of April 18 and was awaiting a ruling from the board regarding whether the repairs were sufficient and whether future access would be provided. On 5/12, RPM requested that GE submit a best efforts letter, which EPA received on 5/26. RPM visited the well on 6/8 through an adjacent property and plans to discuss the access issue further with ORC this week. RPM believes that accessing the well may be possible through an adjacent property. The project schedule continues to incur delays due to the access issue.

Dewey Loeffel, Fish Processing: Historically, fish collected related to the site have been processed in accordance with NYS guidance, with the exception that the ribcage is removed. DEC and their Division of Fish and Wildlife have indicated that, for Dewey Loeffel, they believe that fish should continue to be processed with the ribcage removed, which is inconsistent with their guidance. On 5/11, RPM notified management of DEC's decision and rationale. Also, it anticipated that GE will submit proposed changes to the 2016 fish program within the next week.

UNCAGED Technology Conference: On 6/9, RPM provided links to several resources that UNCAGED could use to locate Superfund sites where excavation and dredging have been implemented.

Valatie Kill Sampling Adjacent to Elementary School: Based on a Dec 2015 request from the Village of Nassau Mayor, EPA (DESA) collected 4 collocated surface water and sediment samples from the Valatie Kill (adjacent to the elementary school) on April 11th. The results have

been received and are under review.

Landfill Groundwater RI/FS: The RI/FS Work Plan was approved on 10/21. The direct-sensing investigation was completed in late April 2016. The sampling of wells near Valley Stream is expected to occur once GE can secure access to the cemetery property. A meeting to discuss decision points 3 and 4 is scheduled for 6/14. Following decision points 3 and 4, the locations of discrete soil and overburden groundwater samples will be determined for a late summer sampling event. The RI/FS is expected to be completed by FY20.

Surface Drainage ways Phase 1 RI: GE initiated Phase 1 sampling in early November and completed the field work in mid-December. The Site Characterization Report (SCSR), which incorporates the Phase 1 sampling results and identifies data gaps, was submitted on 6/3. After the SCSR, GE is to submit a RI/FS Work Plan for the completion of the drainage ways RI/FS. A meeting to review the phase 1 results with GE is scheduled for 6/29. RI scheduled to be completed in FY20.

Residential Well Sampling: For residential wells monitored on a quarterly, semi-annual, annual or every-other-year basis, the next sampling event is scheduled to be conducted in August 2016, August 2016, fall 2016 or fall 2017, respectively.

Grasse River (Young Chang): Next meeting with BC, SC, RPM, and Alcoa has been set for 6/16 at EPA NYC office.

Next habitat meeting with all of the agencies and Alcoa has been set for 6/29 at Albany, NY.

Submitted a draft bill letter of recovery on 4/26 to ORC and Koechley for review/comments. Received comments during the week of 6/6. Will finalize and circulate for BC signature on 6/6 to mail out this week.

Alcoa submitted 2016 Mussel Survey Work Plan on 5/12. It was using the same work plan previously approved with addition of 31 additional transects. Held a conference call on 5/26 to discuss DEC's comment with Alcoa and to move forward with field work. Came to a decision to go ahead with field work and allow Alcoa to revise the draft work plan for 2016 concurrently and resubmit to the agencies. 2016 mussel survey started on 5/31. On 6/1, the field team found eastern pondmussel which is a SGCN in NYS and a threatened listed species in Canada. On 6/3, Alcoa notified the agencies. EPA RPM emailed the DEC and SRMT and requested any protocol changes to be submitted to EPA for discussion. On 6/6 and 6/7, EPA received additional suggestions from SRMT, it included more survey cells requested near T10N-NS. Specifically, 100 meter square additional area to be surveyed around T10N-NS. RPM will be forwarding the suggestion to Alcoa.

Alcoa submitted response to Agencies comments on the Draft Mussel Survey Report on 4/11/16. RPM had requested the agencies review and comments by 4/25. RPM anticipate sending compiled comments to Alcoa on 4/26/16.

Alcoa submitted response letter to Agencies comments on the Preliminary Design Report on

3/18 and Section 9 comment responses on 4/1. RPM requested review and any additional comments/clarification from DEC/SRMT/E&E on both. PRM will need to arrange for agencies meeting to discuss steps forward on some of the water monitoring issues and meeting design capping requirements.

Alcoa submitted Draft Habitat Delineation and Assessment Report on 3/19. RPM requested review and comments (E&E, NOAA, DEC, and SRMT) by 4/4. Doc in review. RPM awaiting comments as of 6/7 from DEC. DEC PM said it will submit comments by 6/10

RPM/Alcoa still waiting (since fall 2015) on the Secure Landfill Cell 3E expansion and PCB permit renewal letter from EPA Region 2 CASD/RCRA group. Alcoa submitted a letter on 4/22 stating that they will need permit renewal letter by August 2016 in order to keep the current construction schedule for the Landfill and in-river work. Said letter was forwarded to CASD/RCRA and requested status update. On 4/26 CASD personnel responded back that stating that he had met with RCRA and ORC and they had made some comments and proposed a different permit format similar to the PCB risk based permits. He submitted a draft revised letter to Jim Hacklar on 6/3. CASD management is working on finalizing who will sign-off on the Landfill PCB authorization renewal.

On 2/17, EPA, SRMT, DEC, and E&E had a conference call to discuss “best adaptive management approach for projected construction years regarding lake sturgeon spawning, early life, and young of year development and mitigation”, as requested by the SRMT (Jessica Jock). SRMT and DEC FW may still request some restrictions on construction window for sturgeon. EPA indicated to DEC that as the permitting agency of a threatened species, they should send us an email or letter indicating the construction window for sturgeon at the Grasse River site remediation so EPA may forward to Alcoa. At a minimum, we need to give heads up to Alcoa this week. DEC PM emailed to RPM that they will need more time. In the meantime, RPM included in the PDR comments indication that the agencies are in discussion regarding potential construction window limitation for the protection of sturgeon. As of 4/26, RPM is still waiting on DEC to provide written statement regarding this matter. Additionally, during the week of 4/18, Alcoa’s team had observed sturgeon spring spawning activity in the Massena rapids area. And therefore has decided to perform additional monitoring to continue through average water temp 16°C. And weekly manual tracking for sturgeon from four additional locations upstream of the site will be conducted (Louisville Bridge, Chase Mills Bridge, Chamberlain Corners Bridge, and Madrid Dam) while the water temp is 16°C and below. Weekly conference call has been conducted to discuss progress of this monitoring effort. Last meeting was held on May 25. Three consecutive days of 16 degrees were met.

During RPM’s absence in September, BC granted Alcoa to proceed with fish sampling though BMP WP was still being commented on. Fish sampling commenced on 9/21. Per request from DEC, on 9/25 Alcoa was requested to store the fish and mussel samples collected for PCB analysis because of potential issues observed at Hudson River site that utilizes same laboratory. Analysis on biota will commence after resolution or decision on Hudson River is reached between EPA and DEC. RPM has been informed by Gary that Hudson River team will meet in January to discuss detail on “special study” that will take place for Hudson resolution. RPM and BC had a call with Gary Klawenski and received some update of the meeting between EPA and

New Cassel (Jennifer LaPoma): OUI RD: The PRPs collectively submitted a response letter through their Convening Neutral to relay they are willing to continue negotiations with EPA towards an RD Settlement Agreement. RPM and Site Attorney are meeting 6/15 to discuss next steps. The Pre-Design Investigation Work Plan and SOW will need to be revised to address PRP comments.

that there is renewed interest in site redevelopment despite the City's previous inclination to keep the site available for public use. **Most recently a staffer with Congressman Maloney's office contacted PAD requesting information about reuse restrictions on the property. A copy of the environmental easement was provided.**

Peninsula Blvd (Gloria Sosa): The implementation of the In-Situ (ISCO) RD, 99% complete, was postponed because of the potential impacts of the source area PCE and the threat of recontamination. The validated data from the most recent ERT sampling event was sent to the Corps and Tetra-Tech to evaluate the effect to the In-Situ RD by the upgradient sources. A conference call was held to discuss on 5/27.

Tetra-Tech noted in a tech memo that the placement of ISCR barriers and the injection of a groundwater amendment would reduce contaminant concentrations locally, therefore cutting off the plume and reducing its extent, which would address the RAOs in the same manner as the ex-situ treatment, in which case the RAOs would be partially met. However, without addressing the source area, the RAO of reducing contaminant levels to the federal and state MCLs will not likely be met within a practical time frame.

The ISCR barriers are meant to be effective for a period of 4 to 5 years. Implementation of the in-situ design assumes two injection events per year for 3 years. The source area would not necessarily have to be addressed prior to implementation of the in-situ treatment, but if it were not addressed within 3 to 5 years, additional rounds of injection might be necessary, as well as replacement of the ISCR barriers. Therefore, implementation of the ex-situ and in-situ remedies before the source area is addressed would partially, but not fully, address the RAOs, and may lead to additional costs long term.

The Ex-Situ (groundwater pump & treat) 60% RD was submitted on 5/27/16. The 95% complete RD is scheduled for 8/17/16. The 100% complete RD is scheduled for 9/19/16. Bi-weekly conference calls are held on Fridays to facilitate/monitor progress.

Hooker Ruco (Mike Negrelli): **No change in status.** Next milestone for this site is the first 5 Year Review projected for June 2016. Five Year Review kick off meeting was held on 12/8/15 and a follow up meeting with the TSS team was held on 2/10/16 to further review data needs to complete the FYR. The first draft of the FYR was completed and distributed for team review on 3/18; the 2017 template was used. SC comments were received 3/29 and incorporated into an updated version which was forwarded to the State on 4/1. A site inspection was held on 4/7. The public notice for the town's website has been posted. NYS comments were received on 4/29. Comments from the site hydro and risk assessor were received on 5/9 and 5/6, respectively. Comments have been incorporated into an updated version which was sent to HQ and CM for review on 5/11. Comments received from HQ/CM on 5/26. Currently updating report; **expect final draft to be ready by 6/17.** Additionally, a conference call was held with the PRP & contractor on 5/18 to discuss some of the "other issues" that have arisen as a result of the quarterly report review for the 5 Year Review that was discussed during the site visit. Discussion focused on ways to improve the reporting parameters in advance of the next quarterly report delivery. Changes will be in place by next report, July 2016.

Walkill (Mike Negrelli): No change in status. A final Work Plan for in situ soils treatment was delivered on December 1, 2015 and is under review. Although this version of the Work Plan does not cite the State's soil cleanup objectives for the protection of groundwater, the language indicates that an effort will be made to evaluate and employ, if feasible, further treatment of the soils beyond EPA's risk based cleanup value. This is a step forward and may be our best option with respect to what we can require under the terms of the Consent Decree. Although the State may disagree, adapting this approach will allow the project to move forward. After repeatedly contacting NYSDEC for status updates on their comments on the work plan, finally got NYSDEC and NYSDOH written response on 4/15. Currently evaluating their comments (prepared in redline/strikeout). Additionally, a letter report has been received for a groundwater sampling event from March; it is being evaluated. Additionally an oversight bill package has been prepared. The bill covers the period from July 2011 through December 2016 and seeks \$95K in past costs. The bill was sent out on 5/5. **Attorney has been contacted by PRP counterpart regarding payment of the oversight bill; a conference call will likely be scheduled for the week ending 6/17.**

Forest Glen (Gloria Sosa): No change in status. Bill for Collection for costs incurred between August 1, 2012 and July 31, 2015 (\$62,885) was sent and Goodyear sent payment on 4.28.16. Quarterly groundwater sampling of 17 monitoring wells was conducted the week of January 11, 2016. First quarter inspection was conducted on March 30. RPM conducted a site visit on May 3. The condition of the cap was very good with growth in the area which had been remediated last year. RPM will meet with hydro to discuss the effectiveness groundwater remedy, including the MNA, since one of the 2012 FYR recommendations was that the groundwater data does not show complete biodegradation and that an MNA study should be conducted.

DuPont Necco Park: (Gloria Sosa): No change in status. DuPont sent a request on 7.30.15 to update the Necco Park quality assurance program proposes to eliminate the 10% full validation of chemical analytical data using USEPA Region II data validation SOPs while maintaining the 100% Chemours. Data Review Process. RPM is reviewing and will consult with DESA. Upon review, the QA program will be revised and updated by DuPont. RPM conducted a site visit on May 3. The site condition was excellent.

Old Roosevelt Field (Sherrel Henry): OU1- RA: The CO authorized Amendment 3 to the LTRA work assignment on April 8, 2016 incorporating the approved work plan and budget for the work assignment. The amendment also increased the cost/fee expenditure limit and extends the performance period completion date to November 30, 2016. An action memo and procurement request for \$600,000 was entered into the EAS system on May 2, 2016.

The SSC Bill for \$497,800 was submitted to NYDEC on February 17, 2016.

OU2- RI/FS: A draft SOW and the IGCE for installation of an upgradient vertical profiling boring and a downgradient monitoring well cluster for delineation of the groundwater plume were submitted to the PO on February 9, 2016. Comments on the IGCE and SOW were submitted by the CO and were addressed by the RPM on March 22, 2016. On April 8, 2016, the CO issued Amendment 9 authorizing CDM to begin work on project planning and site

reconnaissance activities for the supplemental OU2 RI/FS. Volume 1 (Supplemental work plan) and Volume 2 (budget) were submitted by CDM on May 4th. The pre negotiation memo was submitted to the PO on May 26th for review.

The site fact sheet was submitted to the Section Chief for review. SC provided comments on 5/9. Comments were addressed by the RPM and submitted to be published.

Sinclair (Mike Negrelli): No change in status. All environmental easements have been completed and registered with the County. NYSDEC has prepared their reclassification package for the site. The site was reclassified on 9/15/15. The oversight bill was mailed out on 9/22/15. Payment was made 10/29/15. Construction on the SUNY property is being monitored for compliance with the environmental easement and Site Management Plan. Next deliverable: Five Year Review Report due September 2017.

Hooker S Area (Kevin Willis): No change in status. A progress conference call with OCC and DEC was held on 6/11 to discuss the NAPL tracer study report from 2010. OCC will be preparing a draft outline for our review of the S-Area Shallow Bedrock NAPL Tracer Study / RRT Compliance Assessment. CRA submitted the Tracer analysis report.

Olean-Alcas (Michael Walters): Pursuant to Section 7 of the SOW of the Consent Decree, EPA granted Alcoa a 30-day extension from June 6th to submit the draft OU2 and OU3 work plans to EPA. However, late yesterday afternoon, Tim White of ENI, engineering consultant for Alcoa, assured EPA that the OU2/OU3 work plans will be submitted within two weeks. In the interim, electronic copies of the related HASP, QAPP, Field Sampling Plan and Emergency Response Plan (all for both OU2 and OU3) were transmitted to EPA late yesterday.

An email was transmitted on 3/23 to Tim White (PRP consultant, ENI) granting EPA approval of himself (Tim White) as the Project Coordinator and CDM as the Project Contractor for implementing RD/RA activities for both OU2 and OU3. Based upon this approval, Alcoa would have until June 6th (D-Day!?) to submit the RD Work Plans. Alcoa and Tim White were kindly advised to in the future timely adhere to the RD/RA schedules stipulated in the CD and SOW.

On September 30, 2015 an RD/RA settlement for approximately \$4M was reached between the PRPs (Alcoa and CUTCO Corporation) and EPA. The settlement mandates the implementation of OU2 (in-situ chemical oxidation) and OU3 (enhanced anaerobic bioremediation) treatment technologies to clean up contaminated soils and groundwater at the Alcas Source Area—i.e., the Alcas Facility and adjoining property designated as Parcel B.

Olean- AVX (Michael Walters): EPA will meet tomorrow (6/15) with AVX and technical consultant ARCADIS in attempt to reach an agreement in the ongoing RD/RA negotiations for the implementation of the amended OU2 remedy. At stake for AVX is an oversight bill from EPA, covering the period 2003 through 2012, totaling \$856,607, which AVX is contesting and seeking further documentation. AVX also wishes to perform the RD/RA work under a modified version of the 1998 CD and not under a new one. RPM is compiling a brief recap of the project hours spent on AVX from 2003 to 2012. RPM will request that the PSB site hydrogeologist also

do the same. RPM will also meet with PSB hydrogeologist tomorrow to discuss the merits of AVX's argument that the groundwater plume at down-gradient well AVX-17S is contamination drawn onsite from southern offsite sources by the influence of AVX production well PW-1.

Olean-OU4 (Michael Walters): **Site Access Update:** All necessary Consent for Access Agreement forms have been submitted by all affected property including Mr. Robert Chaffee whose signed access agreement form was received by EPA last week.

Technical Review of Remedial Investigation Work Plan and QAPP: EPA received copies (electronic and hardcopy) of the revised OU4 Work Plan and QAPP last Friday. Documents have been forwarded to PSB for a quick review to ensure that all comments/resolutions from the review process have been satisfactorily incorporated. EPA-Edison has already determined the changes made to the QAPP acceptable. It is anticipated that both the Work Plan and QAPP documents will be approved by EPA within the week. E&E and USACE are set to begin field mobilization activities the second week of July 2016.

Olean- Loohn's (Michael Walters): **No change in status.** There was an apparent internal mix-up that resulted in the late transmittal of the April 2015 Groundwater Sampling Report prepared by the Removal Action Branch (RAB). The subject report was received from RAB last Tuesday (10/27). Based upon a thorough review, the results do indicate a significant decrease in the level of VOC contamination in the shallow groundwater zone. However, TCE and PCE were respectively detected at maximum concentrations of 280 ppb and 1300 ppb in the shallow groundwater bearing zone. Last week the USACE was advised not to close the IAs (DW96958409-001 and 002) for the Alcas and AVX Technical Assistance in the Feasibility Study processes for both sites. These IAs, according to ERRD management, will be revised and refunded to procure Technical Assistance support for the performance of additional work related to both the Cooper Industries facility and the former Loohn's Dry Cleaner's property.

Olean- Cooper Industries: (Michael Walters): **No change in status.** A technical review of the First 2015 Semi-Annual Groundwater Monitoring Report was performed by the RPM last week. A copy of the report was forwarded to the PSB Hydrogeologist (Mike Scorca) for review and comment. RPM is seeking recommendations from the PSB Hydrogeologist on whether several shallow-zone monitoring wells located near the inactive extraction well EW-3 and which were previously dropped from the required sampling protocol should be re-tested in the near future.

Newstead Site (Michael Walters): **No change in status.** This project has not been mentioned in years and is a new entry into the weekly catalog. HQ and DOJ are pursuing EPA response oversight costs totaling \$755,738.00 from the PRP, Sherwin-Williams. This oversight cost has been incurred by EPA under a 1990 Administrative Order with Pratt and Lambert and under a second Unilateral Administrative Order (UAO) issued in 2006, requiring Sherwin-Williams to execute and complete the required remediation of the site. (Sherwin-Williams acquired Pratt & Lambert and associated site liabilities in 1996.) Virginia Capon (ORC) is working directly with HQ and DOJ on this case. HQ has the lead role in handling the cost-recovery negotiations with Sherwin-Williams and, according to lead HQ attorney Meredith Fishburn, a settlement is close.

Smithtown: (Gloria Sosa): **No change in status.** DESA sampled all the available monitoring wells and surface water the week of April 25, 2016. Groundwater data results show all wells

sampled were below MCLs.

Niagara County Refuse (Mike Negrelli): No change in status. The oversight bill for the current fiscal year was mailed out on 9/21/15. Payment was made on 10/19/15. **NYSDEC has proposed changing the frequency of reporting for this site (from quarterly to annually) as well as making a few changes to reporting parameters. Currently evaluating their input.**

Peter Cooper Landfill (Sherrel Henry): The site profile for the Peter Cooper Site is being finalized by the RPM.